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02/28/02

CB-04-a

PTO/SB/05 (12/97)

*[Redacted] for use through 9/30/00. OMB 0651-0032*  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

*Attorney Docket No.* 1027.2.1 *Total Pages* 8

*First Named Inventor or Application Identifier*

David B. Buehler

*Express Mail Label No.* EU070956742US

## **APPLICATION ELEMENTS**

*See MPEP chapter 600 concerning utility patent application contents.*

**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231**

1.  **Fee Transmittal Form**  
(Submit an original, and a duplicate for fee processing)

2.  **Specification** (Total Pages) - 57 \_\_\_\_  
(Preferred arrangement set forth below)

- *Descriptive title of the Invention*
  - *Cross References to Related Application*
  - *Statement Regarding Fed sponsored R & D*
  - *Reference to Microfiche Appendix*
  - *Background of the Invention*
  - *Brief Summary of the Invention*
  - *Brief Description of the Drawings (if filed)*
  - *Detailed Description*
  - *Claim(s)*
  - *Abstract of the Disclosure*

3.  Drawing(s) (35 USC 113) (Total Pages) 24



- a.  Newly executed (original or copy)

- b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation /divisional with Box 17 completed)  
[Note Box 5 below]  
i.  DELETION OF INVENTOR(S)

5.  *Incorporation by Reference (useable if Box 4b is checked)*  
*The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.*

6.  *Microfiche Computer Program (Appendix)*

7. *Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)*

a.  *Computer Readable Copy*

b.  *Paper Copy (identical to computer copy)*

c.  *Statement verifying identity of above copies*

**ACCOMPANYING APPLICATION PARTS**

8.  Assignment Papers (cover sheet & document(s))

9.  37 CFR 3.73(b) Statement (when there is an assignee)  Power of Attorney

10.  English Translation Document (if applicable)

11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

12.  Preliminary Amendment

13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

14.  Small Entity  Statement filed in prior application,  
Status still proper and desired

15.  Certified Copy of Priority Document(s),  
if foreign priority is claimed)

16.  Other: Express Mail Certificate

**17. If a *CONTINUING APPLICATION*, check appropriate box and supply the requisite information:**

Continuation       Divisional       Continuation-in-part (CIP)       *of prior application No.:*

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label \_\_\_\_\_  
 Or Correspondence address below

NAME	<i>Brian C. Kunzler</i>				
ADDRESS	<i>10 West 100 South</i>				
CITY	<i>Salt Lake City</i>	STATE	<i>Utah</i>	ZIP	<i>84101</i>
COUNTRY	<i>United States</i>	TELEPHONE	<i>(801) 994-4646</i>	FAX	<i>(801) 322-1054</i>

*Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.*

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**FEE TRANSMITTAL**

Note: Effective October 1, 2001.  
Patent fees are subject to annual revision.

<b>TOTAL AMOUNT OF PAYMENT</b>	\$ 406	<b>Attorney Docket Number</b>	1027.2.1
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<b>METHOD OF PAYMENT (check one)</b>		<b>FEES CALCULATION (continued)</b>			
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. <b>ADDITIONAL FEES</b>			
Deposit Account No.: _____		Large Entity		Small Entity	
Deposit Account Name: _____		Fee Code	Fee (\$)	Fee Code	Fee (\$)
Charge Any Additional <input type="checkbox"/> Fee Required Under 37 CFR 1.16 and 1.17		<input type="checkbox"/> Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance	105	130	205
2. <input type="checkbox"/> Payment Enclosed:  <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other			127	50	227
<b>FEES CALCULATION</b>					
1. <b>FILING FEE</b>					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		\$ 370			
2. <b>CLAIMS</b>					
Total Claims	24	-20 =	4	x	9 = 36
Ind. Claims	3	- 3 =	0	x	42 = 0
Multiple Dep. Claims			0	x	140 = 0
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim	
109	84	209	42	Reissue independent claims over original patent	
110	18	210	9	Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>		\$36			
*Reduced by Basic Filing Fee					
<b>SUBTOTAL (3)</b>					

<b>SUBMITTED BY</b>				Complete (if applicable)	
Typed or Printed Name				Reg. Number	
Signature	<i>Brian C. Kunzler</i>		Date	Feb 28, 2002	Deposit Account User ID

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PATENT APPLICATION  
Docket No.: 1027.2.1

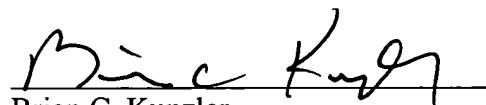
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EU070956742US

Date of Deposit: February 28, 2002

I hereby certify that this patent application in the name of David B. Buehler for  
RECURSIVE RAY CASTING METHOD AND APPARATUS, together with the drawings, a  
Declaration, Power of Attorney, and Check No.1734 for \$ 406.00 are being deposited with the  
United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §  
1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant  
Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,

  
\_\_\_\_\_  
Brian C. Kunzler  
Reg. No. 38,527  
Attorney for Applicant

Date: February 28, 2002

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